

# **WIFI7 WS-AP730**

## **User Guide**



Thank you for choosing Westala WIFI7 Outdoor AP. To achieve better experience, read this manual before using the WIFI7 Outdoor AP.

## 1. Product Overview

The **WiFi 7 Outdoor AP (WS-AP730)** is a high-performance wireless access point supporting the latest **IEEE 802.11be (WiFi 7)** standard. It delivers ultra-fast speeds (up to **10 Gbps**), reduced latency, and enhanced multi-device connectivity for home and enterprise networks.

### Key Features:

- Two-band operation (2.4GHz, 5GHz)
- 320MHz channel bandwidth & 4096-QAM for higher throughput
- 2×2 MU-MIMO & Multi-Link Operation (MLO)
- WPA3 encryption & OFDMA for efficient traffic management
- Seamless roaming with 802.11k/v/r protocols
- 10 Gigbit SFP+ WAN port
- 2.5 GE WAN port with PoE in

## 2. Main Technical Indexes

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| Operating temperature: | -5°C to 45°C                                               |
| Relative humidity:     | 5% ~ 95%                                                   |
| Power supply:          | With PoE: 48~54VDC 802.11at, 30W<br>With DC: 12~57VDC, 30W |
| Size:                  | 271mm x 270mm x 80mm                                       |

|         |             |
|---------|-------------|
| Weight: | About 3000g |
|---------|-------------|

## 3.Installation Guide

### 3.1 Physical Setup

1. **Mounting:** Attach the AP to a wall or ceiling using the included bracket.
2. **Power Options:**
  - **PoE+:** Connect the Ethernet cable to a PoE+ switch (recommended).
  - **Power Adapter:** Plug the adapter into a power outlet if PoE is unavailable.

### 3.2 Network Configuration

1. **Initial Connection:**
  - Connect the AP to your router via Ethernet.
  - Wait for the **status LED** to turn solid green(indicating a successful connection).
2. **Web Interface Setup:**
  - Open a browser and enter <http://192.168.30.1> (default IP).
  - Log in with default credentials:
    - **Username:** admin
    - **Password:** admin
  - Follow the on-screen wizard to configure SSID, security, and band settings.

## 4. Product Introduction

### 1.1. Interface Description

| Interface      | Function                                                                                                            | Remark                                                                                                        |
|----------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Reset Button   | Reset key, long press for about 7 seconds to restore factory settings                                               | Restoring the factory settings will clear all the parameters set by the user.<br>Please operate with caution. |
| WAN Port       | 1 RJ-45 port 10/100/1000 auto-sensing, auto-MDX, 802.3at PoE<br>1 SFP+ optical port, support 1GE/10GE, LC Connector | The priority SFP+ port is WAN                                                                                 |
| Pass through   | 1 RJ-45 in/out                                                                                                      | Ethernet transparent transmission                                                                             |
| LED Indicators | system                                                                                                              | Two LED lights, one red and one green                                                                         |

### 1.2. Indicator

| Indicator | Status         | Description                    |
|-----------|----------------|--------------------------------|
| FIT AP    | Red light 3s   | Disconnected to the AC         |
|           | Green light 3s | Connected to the AC            |
|           | Green 1s flash | During the upgrade process     |
|           | Green stays on | During the system boot process |
| FAT AP    | Red stays on   | WAN port link down             |
|           | Green light 3s | WAN port link up               |
|           | Green 1s flash | During the upgrade process     |
|           | Green stays on | During the system boot process |

## 5. Troubleshooting

| Issue | Solution |
|-------|----------|
|-------|----------|

|                         |                                             |
|-------------------------|---------------------------------------------|
| No power                | Check PoE/Power adapter connection          |
| Slow speeds             | Verify 160/320MHz channel width             |
| Intermittent connection | Update firmware or adjust channel selection |

## 6.Package Contents

- 1× WiFi 7 Outdoor AP
- 1× Mounting bracket
- 1× Warranty

## Appendix: Regulatory Compliance

### FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. Warning:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 25cm between the radiator & your body.